

## **I Claim:**

1. A method for treating dredged material comprising:

(a) removing bulk particles from the dredged material,

(b) adding liquid to the dredged material, and

(c) separating liquid from the dredged material thereby obtaining filtrate and a solid portion,

wherein contaminants are removed from the dredged material by subjecting the dredged material to at least one oxidation process.

2. A method according to claim 1 wherein the at least one oxidation process comprises admixing at least one oxidizing agent with the dredged material in step (b).

3.. A method according to claim 1 wherein the at least one oxidation process comprises admixing at least one oxidizing agent with the solid portion.

4. A method according to claim 1 wherein the at least one oxidation process comprises admixing at least one oxidizing agent with the dredged material in step (b) and admixing at least one oxidizing agent with the solid portion

5. A method according to claim 1 comprising admixing at least one flocculating agent with the dredged material in step (b).

6. A method according to claim 2 wherein the at least one oxidizing agent is selected from the group consisting of oxygen, hydrogen peroxide, ozone, chlorine, chlorine dioxide, sodium hypochlorate, calcium hypochlorate, sodium chlorate, sodium chlorite, bleach, potassium permanganate and mixtures thereof.

7. A method according to claim 3 wherein the at least one oxidizing agent is selected from the group consisting of oxygen, hydrogen peroxide, ozone, chlorine, chlorine dioxide, sodium hypochlorate, calcium hypochlorate, sodium chlorate, sodium chlorite, bleach, potassium permanganate and mixtures thereof

8. A method according to claim 4 wherein the at least one oxidizing agent is selected from the group consisting of oxygen, hydrogen peroxide, ozone, chlorine, chlorine dioxide, sodium hypochlorate, calcium hypochlorate, sodium chlorate, sodium chlorite, bleach, potassium permanganate and mixtures thereof

9. A method according to claim 3 wherein the flocculating agent is a polyelectrolyte.

10. A method according to claim 1 further comprising forming a structural article from the solid portion.